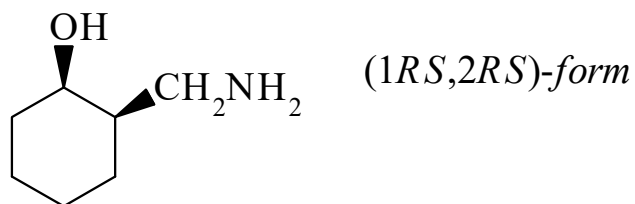




>>Entry Name: 2-(Aminomethyl)cyclohexanol, 9CI



**CAS Registry Number:** 60659-10-1

**Molecular Formula:** C<sub>7</sub>H<sub>15</sub>NO

**Molecular Weight:** 129.202

**Accurate Mass:** 129.115364

**Percentage Composition:** C 65.07%; H 11.70%; N 10.84%; O 12.38%

>>Variant: (1*R*,2*R*)-form

**Synonym(s):** (±)-*cis*-form

**CAS Registry Number:** 28250-37-5

**Molecular Formula:** C<sub>7</sub>H<sub>15</sub>NO

**Molecular Weight:** 129.202

**Accurate Mass:** 129.115364

**Percentage Composition:** C 65.07%; H 11.70%; N 10.84%; O 12.38%

**Boiling Point:** Bp<sub>5</sub> 105-108°

>>Derivative: Hydrochloride

**CAS Registry Number:** 24947-68-0

**Physical Description:** Cryst. (EtOH/Et<sub>2</sub>O)

**Melting Point:** Mp 182.5-183°

>>Variant: (1*R*,2*SR*)-form

**Synonym(s):** (±)-*trans*-form

**CAS Registry Number:** 5691-09-8

**Molecular Formula:** C<sub>7</sub>H<sub>15</sub>NO

**Molecular Weight:** 129.202

**Accurate Mass:** 129.115364

**Percentage Composition:** C 65.07%; H 11.70%; N 10.84%; O 12.38%

**Boiling Point:** Bp<sub>1.1</sub> 89°

>>Derivative: Hydrochloride

**CAS Registry Number:** 24948-05-8

**Melting Point:** Mp 151°

>>Derivative: *N*-Benzoyl

**CAS Registry Number:** 20617-33-8

**Molecular Formula:** C<sub>14</sub>H<sub>19</sub>NO<sub>2</sub>

**Molecular Weight:** 233.31

**Accurate Mass:** 233.141579

**Percentage Composition:** C 72.07%; H 8.21%; N 6.00%; O 13.72%

**Physical Description:** Cryst. (C<sub>6</sub>H<sub>6</sub>/petrol)

**Melting Point:** Mp 120-122.5°

#### References:

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Schwartz, L.H. *et al.*, *J.A.C.S.*, 1972, **94**, 180, (*nmr*, *ms*, *synth*)

Gorenstein, D.G. *et al.*, *J.A.C.S.*, 1979, **101**, 4925